

SINGLE STRENGTH JUICE DEACIDIFICATION INCORPORATING JUICE DOME

Abstract of the Disclosure

[0070] A process for deacidifying single strength juice, including not from concentrate (NFC) juice, uses an ion-exchange column. The process includes flowing water into the resin column and draining a fraction of the water from the column to create a head space in the column above the resin beads. Single strength juice is then introduced into the head space and into the resin column. Water is drained from the column until an SOI criterium is met. Single strength juice continues to be introduced into the resin column and treated liquid is directed to the production of deacidified single strength juice, typically until such time as the acidity of the treated liquid exceeds a pre-determined value. Treated single strength juice is removed from the resin column to create a head space in the column. Water then is introduced into the head space and liquid passes through the exit port.